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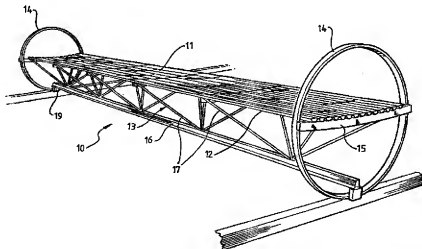
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- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **CARRIER AND DRIVE ARRANGEMENT FOR A SOLAR ENERGY REFLECTOR SYSTEM**



(57) Abstract: A carrier and drive arrangement is disclosed for use in a solar energy reflector system. The arrangement comprises a) a carrier structure (10) having a platform (12) for supporting a reflector element (11), a frame portion (13) that includes hoop-like end members (14) between which the platform extends and support members (18) which support the frame portion by which of the end members and which accommodate turning of the carrier structure about an axis of rotation that is substantially coincident with a longitudinal axis of the reflector element, and b) a drive system incorporating an electric motor for imparting unidirectional turning drive to the carrier structure by way of the hoop-like end members (14).

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/000883

## A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. <sup>7</sup>: F24J 002/36,002/52,002/54

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI IPC F24J 002/36,002/52,002/54 and keywords

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4111184A (PERKINS) 5 September 1978 See whole document.	1-15
X	US 4106485 A (POLLEY) 15 August 1978 See whole document	1-15
X	US 787145 A (BROWN) 11 April 1905 See whole document	1-15

☐ Further documents are listed in the continuation of Box C
 ☒ See patent family annex

## \* Special categories of cited documents:

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"Z" document member of the same patent family

Date of the actual completion of the international search

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**INTERNATIONAL SEARCH REPORT**

International application No.

**PCT/AU2004/000883**

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member
US	4111184	NIL
US	4106485	NIL
US	787145	NIL
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.		
END OF ANNEX		